

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES**

Appl. No. : 09/988,155
Applicant : Jean Sini
Filed : November 19, 2001
TC/A.U. : 2163
Examiner : Thai, Hanh B
Atty. Docket No. : 5231-053-US02
Title : Automated Entry of Information into Forms of Mobile
Applications

REPLY BRIEF

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Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This Reply Brief is in response to the Examiner's Answer mailed August 30, 2011. A Notice of Appeal was timely filed on October 18, 2007 concurrently with a Pre-Appeal Brief Request for Review under the provisions of 37 CFR §1.191. An Appeal Brief was filed April 17, 2007 and a Substitute Appeal Brief was filed January 28, 2011. This Reply Brief is filed under the provisions of 37 C.F.R. §41.41.

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REAL PARTY IN INTEREST

The real party in interest in the present application is Oracle International Corporation, the assignee of the present application.

RELATED APPEALS AND INTERFERENCES

None.

STATUS OF THE CLAIMS

Claims 1-3, 5, 10-12, 14, 19-21, 23, and 28-30 are currently pending in the present application, and stand rejected by the Examiner. Claims 4, 6-9, 13, 15-18, 22, and 24-27 have been cancelled. As such, the Examiner's rejection of claims 1-3, 5, 10-12, 14, 19-21, 23, and 28-30 are currently being appealed.

STATUS OF AMENDMENTS

None of the claims have been amended since the Final Rejection of April 18, 2007.

SUMMARY OF THE CLAIMED SUBJECT MATTER

According to one aspect, the present invention is related to a method for automatically entering information into form fields. *See, e.g.,* Page 3, lines 14-21. The method includes the step of invoking an application program in response to an indication from a user of a mobile device to do so. *Id.* Content transmitted from the application program to the mobile device is then scanned to find a form having at least one field into which information is to be entered. *Id.* Then, information is retrieved and entered into the at least one field and the form, including the entered information, is transmitted to the mobile device for display to the user when at least one mapping for the form exists. *Id.*

When no mappings for the form exist, the form is transmitted to the mobile device, and at least one selection of information to be entered into the at least one field of the form into which information is to be entered is received from the user of the mobile device. *See, e.g.,* Page 4, lines 14-19. Thereafter, a mapping is created for the form that specifies how to fill-in fields in the form into which stored information is to be entered based on the received at least one selection of information from the user of the mobile device. *See, e.g.,* Page 4, line 20 – Page 5, line 2. The form, including the at least one selection of information to the application program, is then transmitted. *See, e.g.,* Page 5, lines 3-8.

According to another aspect, the present invention comprises a system for automatically entering information into form fields. *See, e.g.,* Page 10, lines 10-21. The system includes a processor operable to execute computer program instructions, and a memory operable to store computer program instructions executable by the processor. *Id.* The processor invokes an application program in response to an indication from a user of a mobile device to do so. *See, e.g.,* Page 3, lines 14-21. Then, content transmitted from the application program to the mobile device is scanned to find a form having at least one field into which information is to be entered. *Id.* In addition, information is retrieved and entered into the at least one field and the form, including the entered information to the mobile device for display to the user, is transmitted when at least one mapping for the form exists. *Id.*

When no mapping for the form exists, the form is transmitted to the mobile device. *See, e.g.,* Page 4, lines 14-19. At least one selection of information to be entered into the at least one

field of the form into which information is to be entered is received from the user. *Id.* Then, a mapping is created for the form that specifies how to fill-in fields in the form into which stored information is to be entered based on the received at least one selection of information from the user of the mobile device. *See, e.g.,* Page 4, line 20 – Page 5, line 2. Finally, the form, including the at least one selection of information, is transmitted to the application program. *See, e.g.,* Page 5, lines 3-8.

Another aspect of the present invention relates to a computer program product for automatically entering information into form fields. *See, e.g.,* Page 10, lines 10-21. The computer program product includes a computer readable medium and computer program instructions, recorded on the computer readable medium, executable by a processor, for performing several steps. *Id.* The steps include invoking an application program in response to an indication from a user of a mobile device to do so. *See, e.g.,* Page 3, lines 14-21. Content that is transmitted from the application program to the mobile device is then scanned to find a form having at least one field into which information is to be entered. *Id.* Information is then retrieved and entered into the at least one field, and then the form, including the entered information to the mobile device, is transmitted for display to the user. *Id.* This occurs when at least one mapping for the form exists. *Id.*

When no mappings for the form exist, the form is transmitted to the mobile device. *See, e.g.,* Page 4, lines 14-19. The user of the mobile device provides at least one selection of information to be entered into the at least one field of the form into which information is to be entered. *Id.* Thereafter, a mapping for the form is created that specifies how to fill-in fields in the form into which stored information is to be entered based on the received at least one selection of information from the user of the mobile device. *See, e.g.,* Page 4, line 20 – Page 5, line 2. Finally, the form, including the at least one selection of information, is transmitted to the application program. *See, e.g.,* Page 5, lines 3-8.

GROUND OF REJECTION TO BE REVIEWED ON APPEAL

Claims 1-3, 5, 10-12, 14, 19-21, 23, and 28-30 stand rejected various reasons under 35 U.S.C. §§ 112 and 103. With regard to the § 103 rejections, the Examiner based the rejections on U.S. Patent Publication No. 2002/0107755 to Steed *et al.* (“Steed”) in view of U.S. Patent Publication No. 2002/0010715 to Chinn *et al.* (“Chinn”). Specifically, the Examiner rejected:

- Claims 1-3, 5, 10-12, 14, 19-21, 23, and 28-30 under 35 U.S.C. § 112(2) as being indefinite; and
- Claims 1-3, 5, 10-12, 14, 19-21, 23, and 28-30 under 35 U.S.C. § 103(a) as being obvious over Steed and Chinn.

ARGUMENTS

As set forth above, the Examiner rejected claims 1-3, 5, 10-12, 14, 19-21, 23, and 28-30 under 35 U.S.C. § 112(2) as being indefinite, and claims 1-3, 5, 10-12, 14, 19-21, 23, and 28-30 under 35 U.S.C. § 103(a) as being obvious over Steed and Chinn.. For at least the reasons set forth below, Applicants submit that the Examiner's rejections are improper. Accordingly, issuance of a Notice of Allowance by the Board is respectfully requested.

THE REJECTIONS UNDER 35 U.S.C. § 112

In the Office Action, the Examiner rejected claims 1-3, 5, 10-12, 14, 19-21, 23, and 28-30 under 35 U.S.C. § 112, second paragraph, as being indefinite. Specifically, the Examiner stated that claims 1, 10, and 19 recite "the entered information," "stored information," and "received at least one selection of information." Further, the Examiner stated that it is unclear what includes the "indication from a user," and what, if anything, happens as a result of the user providing "an indication." Finally, the Examiner believes that it is unclear exactly what the mobile device is doing as reflected in the claim limitation "a mobile device to do so."

As previously discussed, a skilled artisan will recognize that the recitation of "the entered information," refers to the recitation of "entering information" on the line preceding it. The recitation of "stored information" provides its own antecedent basis. And, the recitation of "received at least one selection of information" refers to the earlier recitation of "receiving from the user of the mobile device at least one selection of information."

In addition, as previously discussed, the recitation of "an indication from a user" has sufficient antecedent basis, and is described in the written description at page 17, lines 10-20, and in FIG. 4. Moreover, the claims specifically state that an application program is invoked in

response to the indication from a user. Likewise, any person, including a skilled artisan, will clearly recognize that the first element, *i.e.*, “invoking an application program in response to an indication from a user of a mobile device to do so,” means that an application program will be invoked in response to a user providing an indication that they want the program invoked.

For at least the reasons set forth above, Applicant submits that rejections of claims 1, 10, and 19 under 35 U.S.C. § 112 are improper. As such, reconsideration and withdrawal of the rejection is respectfully requested.

THE REJECTIONS UNDER 35 U.S.C. § 103

As set forth above, the Examiner also rejected claims 1-3, 5, 10-12, 14, 19-21, 23, and 28-30 under 35 U.S.C. § 103(a) as being obvious over Steed and Chinn. Applicant submits that the Examiner’s § 103 rejections are improper for the following reasons.

Steed discloses a server based electronic wallet system in which pre-determined mappings between fields of merchant forms and fields of user personal details are included in a predetermined list of merchant form identifiers. *See* Para. 0009. The predetermined mapping is used to automatically fill in the form at the proxy. *See* Para. 0008. The filled-in form, together with a hyper-link to a file stored on a wallet server, is then delivered to the wireless device. *Id.* Upon receipt at the wallet server of an instruction from the wireless device, information is delivered to a merchant server, enabling a transaction to be completed. *Id.* Steed does not disclose or suggest what happens when no mappings for the form exist.

Chinn discloses a system and method for browsing using a limited display device. *See* Chinn at Para. 0003. Chinn discloses a processor that converts a conventional markup language document into a navigation tree that provides a semantic, hierarchical structure that includes

some or all of the content included in the web pages presented by the conventional markup language documents. *Id.* at Para. 0006. Thus, the “mapping” disclosed by Chinn relates to creating a navigation tree from a document tree, which is unrelated to the subject matter claimed by the present invention.

In contrast to Steed and Chinn, when no mappings for the form exist, the present invention transmits the form to the mobile device. *Id.* Then, at least one selection of information to be entered into the at least one field of the form is received from the user of the mobile device. *Id.* A mapping that specifies how to fill in fields in the form is then created. *Id.* The created mapping is based on the at least one selection of information that is received from the user of the mobile device. *Id.* The form including the at least one selection of information is then transmitted to the application program. *Id.*

As such, for the reasons set forth above, Applicant submits that the Examiner’s § 103 rejections of claims 1-3, 5, 10-12, 14, 19-21, 23, and 28-30 are overcome. Accordingly, reconsideration and issuance of a Notice of Allowance is respectfully requested.

CONCLUSION

In view of the foregoing arguments, Applicants respectfully request reconsideration and withdrawal of the claim rejections, and that the application be passed to issuance. Failing that, Applicants respectfully request the Board to overrule the Examiner's rejections, based on the explanations presented above, and to pass this application to issuance.

A Request for Oral Hearing is concurrently submitted with provision for the \$1080 fee associated therewith. No other fees are believed to be due at this time. Should any other fees be required, however, please charge such fee to Murphy & King, P.C., Deposit Account No. 50-4545, Order No. 5231-156-US01.

Respectfully submitted,
MURPHY & KING, P.C.

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